

WHAT IS CLAIMED IS:

1. A thermoplastic elastomer composition comprising:
 a thermoplastic elastomer having a carbonyl-
 containing group and a nitrogen-containing heterocycle in a
 side chain thereof; and
 an amino group-containing compound.

2. The thermoplastic elastomer composition according
 to claim 1, wherein

the side chain has a structure represented by the
 following chemical formula (1):

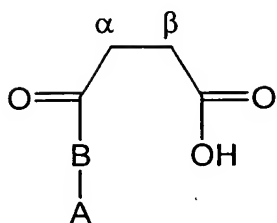


(wherein A represents the nitrogen-containing heterocycle,
 and B represents: a single bond; an oxygen atom, a
 nitrogen-containing group, or a sulfur atom; or an organic
 group which can include the atoms or the group).

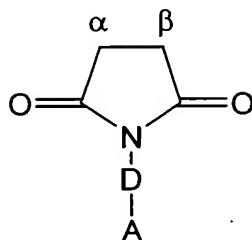
3. The thermoplastic elastomer composition according
 to claim 1, wherein

the side chain has a structure in which the side
 chain is bonded to a main chain at α -position or β -position
 and which is represented by the following chemical formula

(2) or (3):



(2)



(3)

(wherein A represents the nitrogen-containing heterocycle, and B and D independently represent: a single bond; an oxygen atom, a nitrogen-containing group, or a sulfur atom; or an organic group which can include the atoms or the group).

4. The thermoplastic elastomer composition according to claim 1, wherein

the nitrogen-containing heterocycle is a five-membered ring or a six-membered ring.

5. The thermoplastic elastomer composition according to claim 4, wherein

the nitrogen-containing heterocycle is selected from the group consisting of a triazole ring, a thiadiazole ring, a pyridine ring, and imidazole ring.

6. The thermoplastic elastomer composition according

to claim 1, wherein

the amino group-containing compound is selected from the group consisting of a secondary aliphatic diamine, a polyamine containing a primary aromatic amine and a heterocyclic amine, and a tertiary heterocyclic diamine.

7 The thermoplastic elastomer composition according to claim 2, wherein

the amino group-containing compound is selected from the group consisting of a secondary aliphatic diamine, a polyamine containing a primary aromatic amine and a heterocyclic amine, and a tertiary heterocyclic diamine.

8 The thermoplastic elastomer composition according to claim 3, wherein

the amino group-containing compound is selected from the group consisting of a secondary aliphatic diamine, a polyamine containing a primary aromatic amine and a heterocyclic amine, and a tertiary heterocyclic diamine.

9. The thermoplastic elastomer composition according to claim 1, wherein

the amino group-containing compound is polysiloxane having an amino group.

10. The thermoplastic elastomer composition according to claim 2, wherein

the amino group-containing compound is polysiloxane having an amino group.

11. The thermoplastic elastomer composition according to claim 3, wherein

the amino group-containing compound is polysiloxane having an amino group.

12. The thermoplastic elastomer composition according to claim 9, wherein

the polysiloxane having the amino group is a condensate of an aminosilane compound.

13. The thermoplastic elastomer composition according to claim 10, wherein

the polysiloxane having the amino group is a condensate of an aminosilane compound.

14. The thermoplastic elastomer composition according to claim 11, wherein

the polysiloxane having the amino group is a

condensate of an aminosilane compound.

15. The thermoplastic elastomer composition according to claim 9, wherein

a content of the polysiloxane having the amino group is from 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.

16. The thermoplastic elastomer composition according to claim 12, wherein

a content of the polysiloxane having the amino group is from 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.

17. The thermoplastic elastomer composition according to claim 1, further comprising:

at least one of carbon black and silica in 1 to 200 parts by weight with respect to 100 parts by weight of the thermoplastic elastomer.

18. The thermoplastic elastomer composition according to claim 9, further comprising:

at least one of carbon black and silica in 1 to 200 parts by weight with respect to 100 parts by weight of the

thermoplastic elastomer.